

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph starting on page 9, line 11 of the specification with the following amended paragraph:

As shown in the figure, the cathode of the diode 151 is connected to the positive electrode P of the above-explained coil 300, and the anode of the diode 151 is connected to the drain of the p-type FET 152. The source of the FET 152 is grounded. That is, the current path of the FET 152 is connected between the positive electrode P and the negative electrode N of the coil 300. In addition, the anode of the diode 151 is connected to the anode of the Zener diode 153, and the cathode of the Zener diode 153 is grounded via the resistor 154. The Zener diode 153 and the resistor 154 function as a control system for controlling the ON/OFF state of the FET ~~[[153]]~~ 152.